

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

Group Art Unit: 1656

Muthiah Manoharan, Phillip Dan Cook, Balkrishen Bhat,  
and Andrei P. Guzaev

Examiner: J. Riley

For: NUCLEOSIDIC AND NON-NUCLEOSIDIC  
FOLATE CONJUGATES

DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name; and

I believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a

☒ Utility Patent

☐ Design Patent

is sought on the invention, whose title appears above, the specification of which:

☐ is attached hereto.

☒ was filed on March 24, 1999 as Serial No. 09/275,505.

☒ said application having been amended on May 15, 2000, June 12, 2000  
and May 11, 2001.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to be material to the patentability of this application in accordance with 37 CFR § 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a-d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of any application on which priority is claimed:

| Priority Claimed<br>(If X'd) | Country | Serial Number | Date Filed |
|------------------------------|---------|---------------|------------|
| <input type="checkbox"/>     |         |               |            |
| <input type="checkbox"/>     |         |               |            |
| <input type="checkbox"/>     |         |               |            |

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to be material to patentability as defined in 37 CFR § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

| Serial Number  | Date Filed | Patented/Pending/Abandoned |
|----------------|------------|----------------------------|
| 09/098,166     | 06/16/1998 | Pending                    |
| PCT/US94/10131 | 09/02/1994 | Pending                    |
| 08/117,363     | 09/03/1993 | Pending                    |
|                |            |                            |
|                |            |                            |
|                |            |                            |
|                |            |                            |
|                |            |                            |

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below:

| Serial Number | Date Filed |
|---------------|------------|
|               |            |
|               |            |
|               |            |

I hereby appoint the following persons as attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

| Attorney/Agent     | Registration No. |
|--------------------|------------------|
| John W. Caldwell   | 28,937           |
| Michael P. Straher | 38,325           |

DOCKET NO.: ISIS-3453

PATENT

of WOODCOCK WASHBURN KURTZ MACKIEWICZ & NORRIS LLP, One Liberty Place - 46<sup>th</sup> Floor, Philadelphia, Pennsylvania 19103 and

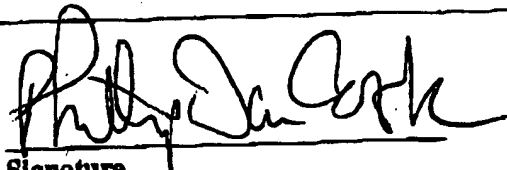
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|-------------------|-------------------------|
| Herb Boswell      | Registration No. 27,311 |
| Laurel Bernstein  | Registration No. 37,280 |
| Robert S. Andrews | Registration No. 44,508 |
| April Logan       | Registration No. 33,950 |
| Neil S. Bartfeld  | Registration No. 39,901 |
| Kenneth H. Tarbet | Registration No. 43,181 |

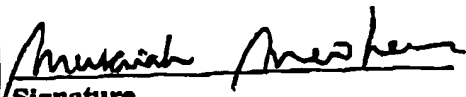
of ISIS PHARMACEUTICALS, INC., 2292 Faraday Avenue, Carlsbad, California 92008

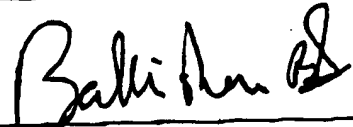
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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

|   |   |
|---|---|
| Name:   | <br>Signature |
| Phillip Dan Cook                                    |   |
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| Name:<br>Muthiah Manoharan  | <br>Signature |
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DOCKET NO. : ISIS-4803

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

Muthiah Manoharan, Phillip Dan Cook, Balkrishen  
Bhat, and Andrei P. Guzaev

Serial No.: Not Yet Assigned

Group Art Unit: Not Yet  
Assigned

Filed: Herewith

Examiner: Not Yet Assigned

For: NUCLEOSIDIC AND NON-  
NUCLEOSIDIC FOLATE CONJUGATES

Assistant Commissioner for Patents  
Washington DC 20231

Sir:

ASSOCIATE POWER OF ATTORNEY

The undersigned, of the firm WOODCOCK WASHBURN LLP, One Liberty  
Place - 46th Floor, Philadelphia, Pennsylvania 19103, Attorney and/or Agents for  
Applicant(s), hereby appoints the following:

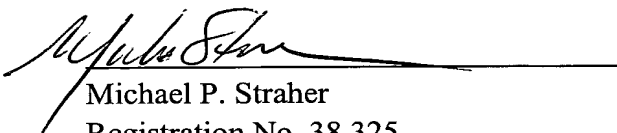
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his/her associates with full power to prosecute the above-identified application and to transact all business in the Patent Office connected therewith and requests that correspondence continue to be directed to the firm of WOODCOCK WASHBURN LLP at the above address.

Date: *October 9, 2001*

  
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